

To: Ex. 4 - CBI
From: Gundersen, Jennifer
Sent: Tue 4/1/2014 5:11:00 PM
Subject: RE: FW: Request for GC/MS Data

Ex. 4 - CBI

I think we might get questions when people ask what that means, so if you know what compound it is, that would be great

Thanks
Jennie

-----Original Message-----

From: Ex. 4 - CBI
Sent: Tuesday, April 01, 2014 10:21 AM
To: Gundersen, Jennifer
Subject: RE: FW: Request for GC/MS Data

When we added the MCHM to calibration one of the VOC compounds that we had calibrated names got erased and we had planned to go back and look for what it was, but we never did. I can look at the 524.2 calibration and see for you, if you need it. I just haven't yet since we have recalibrated the 524.2 method and it wasn't missing on it and actually it slipped my mind to go back and put it in.

Ex. 4 - CBI

Supervisor, Water Quality and Environmental Compliance Western Division West Virginia American Water
4002 Ohio River Road
Huntington, WV 25702
Phone: 304.525.8193

Ex. 4 - CBI

"Life can only be understood backward, but it can only be lived forward"
-Soren Kierkegaard

From: "Gundersen, Jennifer" <Gundersen.Jennifer@epa.gov>
To: Ex. 4 - CBI
Date: 04/01/2014 09:27 AM
Subject: RE: FW: Request for GC/MS Data

Ex. 4 - CBI

There's a peak at 10.29 that says "check later" in alot of reports. Did you ever find out what it was?

Thanks
Jennie

-----Original Message-----

From: Ex. 4 - CBI

Sent: Monday, March 31, 2014 10:27 AM
To: Gundersen, Jennifer
Subject: RE: FW: Request for GC/MS Data

The TIC Summary sheet should be the last page of each attached document.

I left a message on your phone with my number. If you need to talk to me about anything instead of emailing, you can call anytime.

Ex. 4 - CBI

"Life can only be understood backward, but it can only be lived forward"
-Soren Kierkegaard

From: "Gundersen, Jennifer" <Gundersen.Jennifer@epa.gov>
To: Ex. 4 - CBI
Date: 03/31/2014 09:53 AM
Subject: RE: FW: Request for GC/MS Data

Ex. 4 - CBI

Was there any TIC information associated with these samples?
Jennie

~~~~~  
Jennifer L. Gundersen, Ph.D.  
Chemist  
US EPA  
Region 3, OASQA  
701 Mapes Rd  
Fort Meade, MD 20755-5350  
cube: 410-305-2835  
fax: 410-305-3096  
gundersen.jennifer@epa.gov

-----Original Message-----

From: Ex. 4 - CBI  
Sent: Friday, March 28, 2014 4:59 PM  
To: Gundersen, Jennifer; Canale, Cynthia  
Cc: Ex. 4 - CBI @amwater.com  
Subject: Re: FW: Request for GC/MS Data

Instrument type- OI Analytical Eclipse 4660 Purge and Trap; ThermoScientific Trace 1310 GC; ISQ Single Quadrupole MS Method used - EPA Method 524.2 Preservative/quench agent - none (See attached file: Dist4.pdf)(See attached file: PlantEff.pdf)(See attached file: Dist1.pdf)(See attached file: Dist2.pdf)(See attached file: Dist3.pdf)

Information that you have requested is attached. Please let me know if you need any more information. Thank you for your patience..

**Ex. 4 - CBI**

Supervisor, Water Quality and Environmental Compliance Western Division West Virginia American Water  
4002 Ohio River Road  
Huntington, WV 25702

**Ex. 4 - CBI**

"Life can only be understood backward, but it can only be lived forward"  
-Soren Kierkegaard

From: "Gundersen, Jennifer"  
<Gundersen.Jennifer@epa.gov>  
To: **Ex. 4 - CBI**  
Date: 03/26/2014 10:35 AM  
Subject: FW: Request for GC/MS Data

**Ex. 4 - CBI**

Cindy Caporale asked me to follow-up on this.

Thanks,  
Jennie

~~~~~  
Jennifer L. Gundersen, Ph.D.
Chemist
US EPA
Region 3, OASQA
701 Mapes Rd
Fort Meade, MD 20755-5350
cube: 410-305-2835
fax: 410-305-3096
gundersen.jennifer@epa.gov

-----Original Message-----

From: **Ex. 4 - CBI**
Sent: Saturday, March 15, 2014 8:40 PM

To: Caporale, Cynthia
Cc: mailto:Ex. 4 - CBI@amwater.com
Subject: Re: Request for GC/MS Data

I will begin working on your data on Monday. Sorry for the delay, permission had to be received before compliance.

Thank you for your patience.

Ex. 4 - CBI

Supervisor, Water Quality and Environmental Compliance Western Division West Virginia American Water
4002 Ohio River Road
Huntington, WV 25702

Ex. 4 - CBI

"Life can only be understood backward, but it can only be lived forward"
-Soren Kierkegaard

From:
<Caporale.Cynthia@epa.gov>

"Caporale, Cynthia"

To:

Ex. 4 - CBI

Cc:

Ex. 4 - CBI@amwater.com"
water.com>

"

Date:

02/14/2014 02:39 PM

Subject:

Request for GC/MS

Data

Ex. 4 - CBI

I am the USEPA R3 Lab Manager and I am working with our Drinking Water Program managers to review existing GC/MS data that may have been acquired by laboratories during the initial days of the Charleston Drinking Water Incident.

One area EPA is assessing is the potential for any disinfection byproducts associated with MCHM or PPH and having raw data would be advantageous to confirm our theoretical assessments. Did your laboratory run the drinking water samples using GC/MS in full-scan? If so, we would be interested in the raw data from some of the sample analysis. Below is the specific information we are seeking.

VOC and SVOC GC/MS raw data files, including a TIC report processed against the NIST or similar library, which includes the chromatogram and spectra for the 20 largest TICs, for the following samples that were been analyzed using a full scan rather than targeted MCHM scan:

* Approximately 4 of the highest quantitative results for MCHM at locations in the distribution system

* Plant finished water sample showing high quantitative result for MCHM

Please clarify the instrument type, method used (Drinking water versus SW-846 type protocol), and preservative/quench agent.

Please feel free to contact me for more information or if you have any questions.

Thanks,
Cindy

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

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